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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

(Separate paging is given to this Fart in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III-SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

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Calcutta, the 24th May 1997

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पेटेंट कार्यालय

एकत्व तथा अभिकल्प

कलकत्ता, दिनांक 24 मई 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोली इस्टेट,
तीसरा तल, लोअर परेल (प.),
बम्बई-400 013.

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"

पेटेंट कार्यालय ,
विंग "सी" (सी 4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, लक्षद्वीप,
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 11-1-1997, Page 103, Column 1, Under Heading "Cessation of Patents".

Delite—Patent Nos. 169558 and 169746.

In the Gazette of India, Part III. Section 2, dated 18-1-1997, Page 137, Column 2, Under heading "Cessation of Patents".

Delite—Patent No. 169949

In the Gazette of India, Part III, Section 2, dated 18-1-1997, Page 137, Column 2, Under heading "Cessation

Delite—Patent No. 169960.

ALTERATION OF DATE

178611 Filed on 29 Jul 91.
(427/De1/88) Ante dated to 13-5-88.
178616 filed on 10-12-1992.
1175/De1/92 Ante dated to 22-6-89.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent bracked are the dated claimed under section 135 of the Patent Act, 1970.

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650/Cal/97. China Petro Chemical Corporation and Tianjin University, "Process for preparing bisphenols by using a modified ion-exchange. resin catalyst having a special pore structure".

16-4-1997

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1900/Del/96. Steel Authority of India Ltd., New Delhi, "An improved system for detecting the leakage of cooling water from tuyere tip into blast furnace interior".

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28-8-1996

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1940/De/96. Fullmark Pte Ltd., Singapore, "Refill device for ink jet cartridges and method of refilling such cartridges". (Convention date 6th June, 1996)*—Singapore.

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1942/Del/96. Bartell Machinery Systems Corporation, U.S.A., "Pneumatically operated festoon apparatus for tire bead wire and method of use thereof".

1943/Del/96. Motorola, Inc., U.S.A., "Method and device for off hour over the air software programming of selective call receivers". (Convention date 30th August, 1995)—U.S.A.

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1945/Del/96. Sony Corporation, Japan, 'Data recording apparatus and method for preventing illegal copying". (Convention date 1st September, 1995)—Japan.

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252/Mas/97. Honda Giken Kogyo Kabushiki Katiha. Constant velocity universal joint. (February 15, 1996 ; Japan).

253/Mas/97. Schenider Electric SA. An electronic trip device comprising a power supply device.

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COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

the classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए ।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय में एक व्यक्ति को [illegible] निश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्देश की एक संख्या के लिए प्रत्येक महीन [illegible] के सामने दिये हुए चित्र आरेख शीटों की संख्या को 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl : 84 A 178591
Int. Cl4 : C10J 3/20.

AN IMPROVED APPARATUS FOR MANUFACTURE OF LEAN FUEL GAS FROM SOLID FUELS, PARTICULARLY LOW GRADE COAL.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : ANIMESH MAJUMDAR
MAHENDRA, NATH JUNEJA
DHLIP KUMAR BISWAS
SUBHASH RANJAN SARKAR
SIRIPURAPU KONDALA RAO
REZAUL HAQUE.

Patent Application No. 534/Del/89 filed on 22-6-1989.

Complete left after Provisional filed on 21-9-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

An improved apparatus for the manufacture of lean fuel gas from solid fuels, particularly low grade coal, which comprises a vertical column reactor having coaxial inner (4) and outer (5) shells, the reactor being provided with feed hopper (1) at its top end, the feed hopper (1) having below it a rotary feeder (2) and a distributor (3), the inner shell (4) of the reaction being provided with a heat exchanger (6) below the distributor (3), the reactor at its lower part (7) having an outer jacket (8) connected to means (16 & 17) for generating steam, the means (16&17) for generating steam also being connected through a booster (19) and an air-steam mixer (18) to a hollow shaft (11) having an air-steam distributor (15) means (12, 13, 14 & 15) being provided at bottom of extractor for continuous removal of ash, the reactor having an outlet (20) for the recovery of lean gas produced between the distributor (3) and the heat exchanger (6)-and an outlet (21) for the

removal of the hot gas provided its top characterised in that an ash extractor consisting of bottom grate plate (22) with flexible scraper shoes (23), a centre prate plate (24) with radial ribs (25) and circumferential ribs (26) is provided at the bottom of the reactor to facilitate breaking clinkers and directing towards peripheral o;vs:ij;e (27).

(Provisional specn. 4 pages Drg. sheet Nil)
(Complete specn. 7 pages Drg. 3 sheets)

Ind. Cl. : 40 B 178592
Int. Cl[4] : B01J 23/42, 23/46, 23/48.

A PROCESS FOR THE PREPARATION OF A NOVEL CATALYST USEFUL FOR OXIDATION OF NITROGEN TO NITRATES.

Applicant ; COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors: PROFESSOR MIRZA MOHAMMED TAQUI KHAN,
DR. NAGESWARA RAO NETI.

Application for Patent No. 673/Del/89 filed on 28-74989.

Complete left after Provisional filed on 29-10-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Now Delhl-U0005.

10 Claims

A process for the preparation of a novel catalyst useful *tot* oxidation of nitrogen to nitrates which comprises.

(a) doping semiconductor powder such as herein described with titanium and or iron oxides by known methods;

(b) depositing by conventional method's the transition metal oxides on to the sold doped semi conductor powder; and

(c) photo irradiating the said deposited semi conductor material with a light source having wavelength in the range of 2000-6500°A.

(Provisional specn. 2 pages Drg. Sheet Nil)
(Complete specn. 11 pages Drg, Sheet Nil)

Ind. Cl : 32 C; 40 F 178593
Int. Cl[4] : C09B 59/00, 61/00.

THIN FILM DIAGNOSTIC DEVICE.

Applicant : HEALTH ADVANCES. INC., 187 GROVE STREET, WELLESLEY, MASSACHUSETTS 02181, U.S.A.

Inventors : ROBERT EDWARD BURRELL
ANTHONY GEORGE NAYLOR
ARON MARCUS ROSENFELD.

Application for Patent No. 316/Del/90 filed on data 27-03-90.

Convention date 2804-89/598,172/CA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi--110005.

23 Claims

A thin film diagnostic device capable of detecting the presence of a specific organic material in a sample solution, said device comprising :

a layer of an anodizable metal such as herein described for generating a colour when covered by a transparent layer of suitable thickness;

a porous anodic film comprising aluminum oxide overlying said colour-generating metal; and

a reagent for binding with said specific organic material from said sample tolufien forming a coating on said anodic film, the thickness of said porous anedic film being in the range of 400-3000A and said coating being at least a single molecule thick, the combined thickness 6f said porous anodic film and said coating producing a colour change when said specific organic material binds to said reagent.

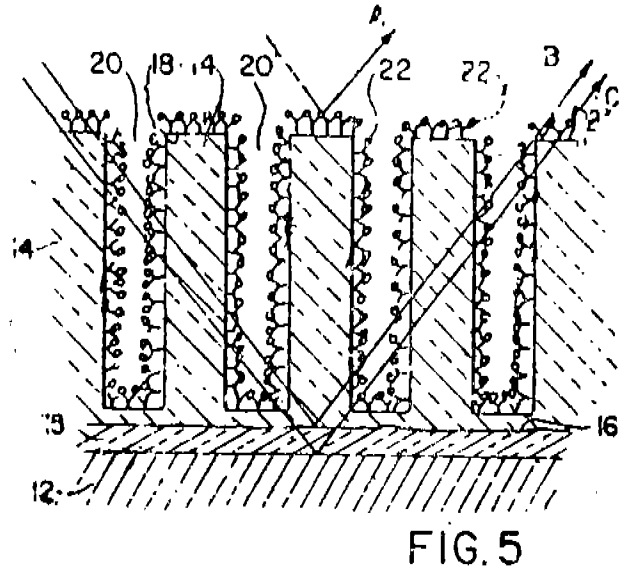


FIG. 5

(Complete specn. 25 pages Drgs. 3 sheets)

Ind. Cl. : 9E 178594
Int. Cl[4] : C22C 5/06, 1/10.

A PROCESS FOR MAKING NOVEL LOW SILVER BRAZING FILLER ALLOY FOR ELECTRONICS AND VACUUM TUBE INDUSTRIES.

Applicant . COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor : SAILENDRA CHANDRA DEV, PROBHAT 3ASAK, OMKAR NATH MOHANTY, RADHA KRISHNA DUBEY, KRISHNA GOPAL SENGUFFA.

Application for Patent No. 435/Del/90 filed on 08-06-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi 110005.

6 Claims

A process for making novel low silver brazing filler alloy for electronics and vacuum tube industries which comprises :

(i) melting silver copper alloy (36-40% silver), adding Si & Tin to the said molten mass to have a composition in the range of silver 36-40%, silicon 2.75-4.25%, tin 0.15-0.25% and balance copper in an electric furnace using graphite crucible in a conventional manner;

(ii) covering the melt with a flux such as borax during melting;

(iii) pouring the melt into graphite mould in the temperature range of 900-950/C;

(iv) cold reducing the cast slab in the range of 20 to 25%;

(v) homogenising the cold reduced slab for a period of 4 to 8 hrs, in the temperature range of 500-550°C In an electric furnace followed by air cooling.

(Complete specn. 9 pages Drg. sheets Nil)

Ind. Cl. : 206E 178595

Int. C1.[4] : G06F 1/00, 3/00 5/00, 7/00.

AN ENCLOSURE FOR A PERSONAL COMPUTER.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF NEW YORK, U.S.A., OF ARMONK, NEW YORK 10504, U.S.A.

Inventors ; DANIEL FREDERICK ANSELL, JEFFREY WILLIAM BENCK, JAMES COLEMAN HARRIS, STEVEN ERNEST HOWELL, BRIAN ALAN TRUMBO, ROBERT D. WYSONG.

Application for Patent No. 742/Del/90 filed on 20-7 1990

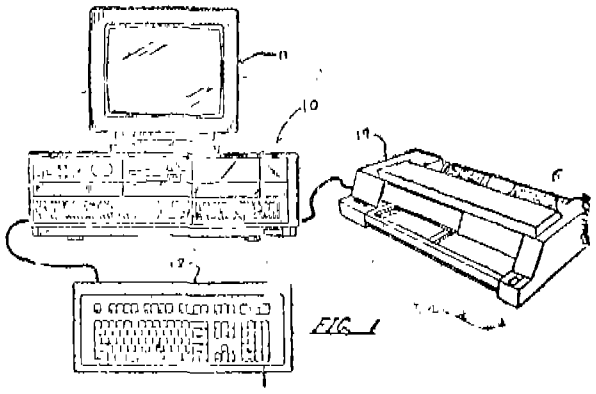
Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110003.

9 Claims

An enclosure for a personal computer, the enclosure comprising :

a chassis (19);

a cover (15) for cooperating with said chassis (19) for enclosing a volume to contain operating components of the computer and further comprising a plurality (101) of hooks on one of said chassis (19) and said 15 (cover) and a plurality of pockets (102) on the other of said chassis (19) and said cover said (101) hooks and said pocket (102) being disposed along two sides (91) of said chassis and said cover far entry of said hooks (101) into said pockets (102) on movement of said cover in a predetermined direction into position for cooperation with said chassis (19) in enclosing a volume, wherein each of said hooks comprises a sloping wedge surface extending at a predetermined acute angle to said predetermined (100) direction and parallel to the surfaces defined by other hooks along the same aide of said one of said (19) chassis and said (15) cover, said pockets (102) receiving said hooks and cooperating with said sloping wedge surface upon relative, movement between said (19) chassis and said (15) cover in said predetermined direction for drawing said chassis and said cover into intimate contact one with other to thereby couple said chassis and said, cover.



(Complete specn. 18 pages Drg- 5 sheets)

Ind. Cl. : 14 D_2 178596

Int. C1.[4] : H 01 L 35/22.

A PROCESS FOR THE PREPARATION OF AN IMPROVED THERMAL BATTERY.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAF1 MARG, NEW DELHI-110001, INDIA.

Inventor : KAMAL SINGH.

Kind of Application : Provisional Complete.

Application for Patent No. 1137/Del/90 filed on dated 19-11-90.

Complete left after Provisional Specification on 18-09-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972; Patent Office Branch, New Delhi-110005.

2 Claims

A process for the preparation of art improved thermal battery, which comprises :

(i) preparing a solid electrolyte by drying completely $Li_2 So_1$ and $Li_2 Co_3$both of AR grade, mixing thoroughly the completely dried $Li_2 So_4$ and $Li_2 Co_3$ in the mole ratio of $xMgSo_4$: I-x($60Li_2 So_4$: $40Li_2Co_3$) where, =01-15, by wet mixing process, drying the resultant mixture at a temperature in the range of 150 to 200°C for a period of 6 to 8 hrs. melting dried mixture (in crucible) then raising the temperature by 20oC to obtain a homogeneous melt, cooling the resultant molten mass in a mould and crushing to obtain the electrolyte in fine powdered form ;

(ii) "mixing well cried $V_2 O_5$ and $P_2 O_6$ in the mole ratio of 60 : 40 in dry atmosphere, melting the mixture to obtain a homogeneous melt pouring the molten mass in a aluminium mould at room temperature, followed by crushing and mixing with (a) the powdered electrolyte, obtained in step (i) and (b) graphite in the ratio 3 : 1 : 1 by weight to obtain the cathode material;

(iii) compressing the cathode material at a pressure of 5 tons/sq. cm;

(iv) distributing powdered electrolyte obtained in step (i) evenly over the cathode material followed by pressing again ;

(v)dispersing magnesium powder which acts as an anode on the solid electrolyte coated surface then pressing at a pressure of 10 tons./sq. cum. to obtain the thermal. Pabattery, having cathode surrounded by electrolyte surrounded by anode.

(Compl. Specn. 9 pages Drawings Nil)

Ind, Cl. : 9A and 9E 178597

Int. $C1^4$: C 22 C 18/04

A NOVEL SYNERGISTIC FLUX FOR THE PRODUCTION OF SUPERIOR QUALITY ZINC BASE ALLOYS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSARIAL RESEARCH RAFT MARG, NEW DELHI-110001, INDIA.

Inventors : CHITTUR SUBRAMANIAN SIVARAMKRISHNAN, RANJJT KUMAR MAHANT, KTSHORI LAL.

Application for Patent No. 1280/Del/90 filed on 18-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A novel synergistic flux useful for the preparation of superior quality zinc alloys which comprises :

(i) ammonium, chloride, zinc chloride, boric oxide & calcium fluoride in the proportion of 5-20, 20-40, 40-60 & 5-15 wt.% respectively.

Compl. .Specn. 6 pages Drng. sheet nil

Ind. Cl. : 60A 178598

Int. Cl. : A 41 D 9/00

A BEL FOR ABSORBENT GARMENT.

Applicant ; THE PROCTER & GAMBLE COMPANY, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202,UNITED STATES OF AMERICA.

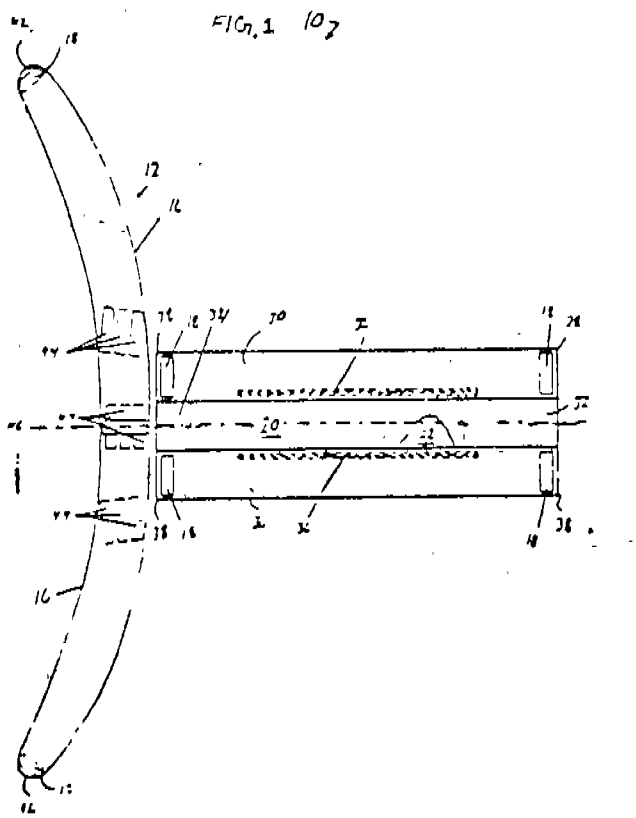
Inventors : NANCY ANN NEW, GARY DEAN LAVON, DAVID RAY BENNETT.

Application for Patent No. 1299/Del/90 filed on 20th December, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A belt for use with an absorbent garment, said belt having a centerline which corresponds in position to the spinal cord of the wearer when the belt is worn in the desired manner, two spaced apart laterally extending edges, two opposed distal ends substantially isomerically and oppositely disposed from the centerline, and a means for affixing said belt to a disposable assembly, characterized in that said laterally extending edges of said belt are generally concave in the same direction, one of said laterally extending edges has a length greater than the other laterally extending edge when said belt is encircled about a wearer, at least a segment of each of said laterally extending edges is arcuate within the piano of the belt, and said arcuate segment is curvilinear and increases in radius of curvature as the distal ends of said belt are approximated, and said distal ends are disposed in the wearers front waist region when the belt if worn in the desired manner.



(Compl. Specn. 36 pages Drgns .6 sheets)

Ind. Cl. : 32 F4 178599

Int. Cl.[4] : C 07 F 9/141 & 9/40

A PROCESS FOR PREPARING DIASTEREOMERIC PAIR (2-METHYL-1-OXOPROPOXY) PROPOXY (4-PHENYL BUTYL) PHOSPHINYL ACETIC ACID.

Applicant: E. R. SQUIBB & SONS, INC., OF P.O. BOX 4000, PRINCETON, NEW JERSEY 08543-4000, USA.

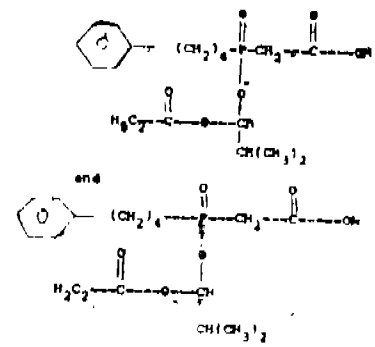
Inventor: THOMAS C. SEDERGRAN.

Application for Patent No. 1345/Del/90 filed on 31-12-90.

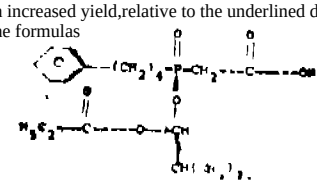
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

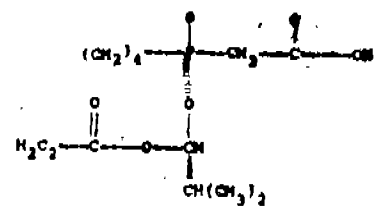
2 Claims

A process for preparing the desired diastereomeric pair (2-methyl-l-(l-oxopropoxy) propoxy (4-phenylbutyl) phosphinyl acetic acid of the formulae



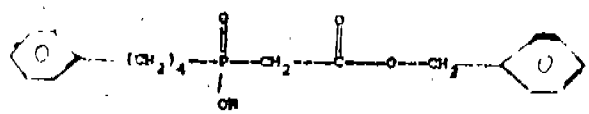
in increased yield,relative to the underlined disesteromeric pair of the formulas



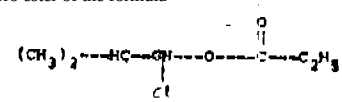


which comprices:

a)reacting a phosphonic acid benzyl ester of the formula



with a chloro ester of the formula



in toluene in the presence of 4-methylmorpholine at about 95°C from about 18 to 19 hours to give an intermediate comprising a mixture of the benzyl ester of the isomers shown above;

(b) hydrogenating the mixture of 4 isomers from step (a) to remove the benzyl ester groups by bubbling hydrogen at a positive pressure of 1 psi through the reaction in the presence of palladium on carbon to give a mixture containing the desired diastereomeric pair in the ratio of about 1.5 to the undesired diastereomeric pair.

(Compl. Specn. 27 pages Drag. Nil)

Ind, Cl. : $32F_3C$ 178600

Int. $Cl.^4$: A 01 N 27/00

AN IMPROVED PROCESS FOR THE SEPARATION OF CYCLOHEXANONE, CYCLOHEXANONE OXIME AND CYCLOHEXANONE AZINE SIMULTANEOUSLY, USING PHENYL METHYL SILICONE AND DIATOMACEOUS EARTH.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1 l000l, INDIA.

Inventors : PRAMOD PRABHAKAR MOGHE. AMRUTA SANJEEV TAMBE, SUJATA SUKURITI BISWAS, ASHWINI VJNAYAK POL, MADHAV GOPAL KOTASTHANE AND PRAKASH KONDIBA BAHIRAT.

Application for Patent No. 398/Del/91 filed on 6-5-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi--110 005.

2 Claims

An improved process for the separation of cyclohexanone, cyclohexanone oxime and cyclohexanone azine simultaneously, using phenyl methyl sillcone and diatomaceous earth, which comprises passing the mixture containing cyclohexanone, cyclohexanone oxime and cyclohexanone azine through a column packed with (50% phenyl, 30% methyl silicone)-3-10% by weight and 90-97% by weight of a flux consisting of acid washed, silanised clacined diatomaceous earth of 80-100 mesh, cluting with nitrogen gas at the rate of 30ml to 40ml/min at a temperature ranging from 90" to 170°C to separatecyclohexanone in 0.94-1.70 minutes, cyclohexanone oxime 2.38-3.39 minutes and cydohexanone azine 11.7-12.5 minutes, by subjecting to gas chromatography.

Compl. Specn. 8 pages Drag. Nil

Cl. : 40 F 178601

Int. $Cl,^4$: F 26 B 17/00

A REACTOR FOR DRYING WATER-CONTAINING SOLIDS IN A HEATED FLUIDIZED BED.

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, W-6000 FRANKFURT AM MAIN, GERMANY.

Inventors : (1) HANS-JURGEN WEIB DR.-ING (2) WOLFGANG FRANK, D1PL- ING. (3) WLADISLAW LAWANDOWSKI, DIPL.ING, (4) WOLFGANG SCHELE, DIPLI-ING.

Application No. 819/Cal/92 filed on 9th November, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A reactor for drying water-containing solids in ft heated fluidized bed, said reactor (1) comprises said fluidised bed (2) and above the fluidized bed a vapor-collecting space (8) provided with a vapor outlet (9) and, above the vapor-collecting space (8), means (14) for feeding the water-containing/ solids through an outlet opening (14) downward to the fluidized bed characterized ,in that a conical distributor surface (191, which is rotatable about its vertical axis, is provided in the vapor-collecting space (8) below said outlet opening (9) said distributor surface sloping at an angle from about 25° to 70° from the horizontal and having at least one aperture (20a, 20b) which occupies about 30 to 90% of the theoretical overall area of the distributor surface (19).

Compl. 8 Specn. 9 pages Drgns 1 sheet.

Cl. : 63 D, 62 E 178602

Int. Cl^4 : H 02 K 5/15
B 08 B 3/00, 13/00
B 05 C 21/00.

A HOUSEHOLD APPLIANCE HAVING AN ELECTRIC MOTOR AND A MOUNTING ASSEMBLY THEREFOR.

Applicant . EMERSON ELECTRIC CO.,' OF 8100 W. FLORISSANT, ST. LOUIS, MISSOURI 63136, UNITED STATES OF AMERICA.

Inventors : JOHN GARRETT LEWIS.

Application No. 834/Cal/92 filed on 13th November, 92. (Divided out of Appln. No. 248/Cal/89 Antidated to 31-03-89.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A household appliance comprising :

a motor and mounting plate on which the motor is installed, the motor being connected to a transmission system, the mounting plate being horizontally installed within the appliance and the motor being mounted vertically with respect to the plate and having ah endshield on the end of the motor adjacent the plate when mounted thereto;

said mounting plate having a yoke-shaped section at one end thereof and defining a pair of. spaced apart yoke arms between which the motor is received, and the space between said mounting ears being such that each car respectively overlays one of the yoke, arms when the motor is fitted there between, each yoke arm and its overlaying mounting ear having corresponding openings there through for attaching the endshield to the mounting plate, a bolt fitting through each set of openings to mount the motor to the plate and a nut securing each bolt, and a stiffener integrally formed on each end of each mounting ear, the opening in each car being at one end thereof and the stiffener being at the opposite end,

each said stiffener being normal to the end of its associated mounting ear and facing in the direction of the end shield to thereby held balance the forces between the motor and transmission system.

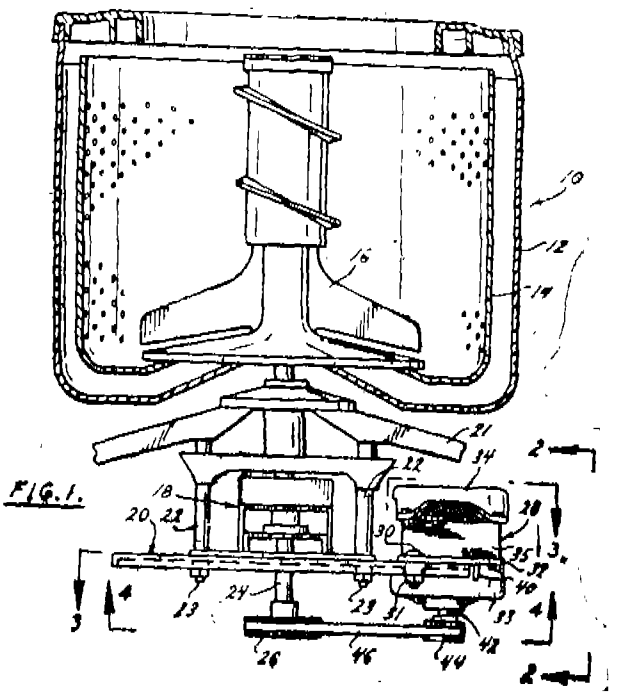
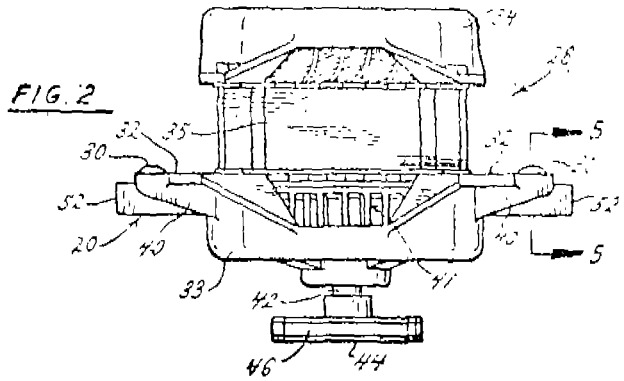


FIG. 1.



Compl. Specn. 15 pages Drgns. 2 sheets

Cl. : 128 K, 146 D 1 178603

Int. CL^4 : G 02 B 26/08

OPTICAL LOUPES.

Applicant: THE UNIVERSITY OF MELBOURNE, OF GRATTAN STREET, PARKVILLE, VICTORIA 3032, AUSTRALIA.

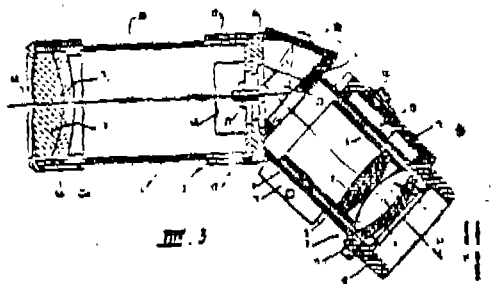
Inventors : (1) GERARD WILLIAM CROCK (2) HUGH RINGLAND TAYLOR (3) LJUBOMIR PERICIC.

Application No. 863/Cal/92 filed on 27th November, 92. (Convention No. PK.9740 on 28-11-91 in Australia).

Appropriate Office tor Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

Optical loupes comprising a pair of optical devices (2) mounted on a frame for attachment on the head of a user whereby wach optical device is in proximity to a respective eye of the user, characterised in that, each said optical device has an ocular (3), and an objective (4) which defines a field of view, said ocular and objective each has an optical axis (41, 42) the optical axis (42) through the objective intersects at an "angle of 90^o to 180^o with the optical axis (41) through the ocular in each case, and light transfer means (23) is located between said ocular and objective for redirecting light from the optical axis of the objective along the optical axis of the ocular whereby an object which appears in the field of view of the objective is capable of being viewed through the ocular.



Compl.. Specn. 11 pages Drgns. 3 sheets

Cl: 69 O 178604

Int. Cl^4 H 01 H 1/02

A PROCESS FOR REPARING A SINTERED COMPOSITE MATERIAL FOR ELECTRICAL CONTACTS IN POWER ENGINEERING SW1TCHGEAR.

Applicant: SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 8000 MUENCHEN 2, GERMANY.

Inventor: DR. FRANZ HAUNER.

Application No. 27/Cal/93 filed on 18th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for preparing a sintered composite material for electrical contacts in power engineering switchgear, having the constitution $Agsno_2$ Bi_2O_3 Cuo and with a further metal oxide of at least one element of the sixth subgroup of the Periodic Table, characterized in that a sintered composite powder of the constitution $AgSno_2$ Bi_2O_3Cuo is mixed with powder of the further metal oxide, such, as $FeWO_4$ to produce a powder mixture, which is then processed by compression, sintering and redensification steps to give a moulding having a residual porosity of less than 1.5%.

Compl. Specn. 3 pages Drgn. Nil

Cl. : 40 B 178605

Int. $Cl.^4$: B 01 J 21/04, 21/06

PROCESS FOR THE PRODUCTION OF (CO) POLYMERS OF OLEFINS.

Applicant : MONTELL TECHNOLOGY COMPANY, OF HOEKSTEEN 66, 2132 MS HOOFDDORP, THE NETHERIANDS & MONTELL NORTH AMERICA INC., OF 2801 CENTERVILLE ROAD, WILMINGTON, DELAWARE, U.S.A.

Inventors : GABRIELE GOVONI AND GIOVANNI PATRONCINI.

Application No. 50/Cal/1993 filed on 1st February, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for the production of (co) polymers of olefins CH_2-CHR, wherein R is a hydrogen atom or an alkyl of aryl radical having from 1 to 10 carbon atoms, comprising at least one (co) polymerization step in the gas phase in which a fluidized or stirred bed is maintained, in the presence of catalyst being a reaction product of (1) a solid component comprising a titanium . compound supported on a magnesium dihalide in active form optionally comprising) a. known inside electron donor and a known alkyl aluminum compound (2), optionally in the presence of a known, outside electron donor, said process being characterized in that :

said fluidized or stirred bed comprises granular polymer particles at least 80% of which being larger than 500/um and less than 10% being smaller than 200/um; and

a compound (3), such as herein-described, having a chain with at least 4 carbon atoms and containing at least two groups, same or different, capable of reacting with the alkyl aluminum compound (2), is fed at any stage of the process In an amount greater than 100 ppm by weight with respect to said (co) polymer, the molar ratio of the compound (3) to said alkyl aluminum compound (2) being lower than 1;

said compound (3) being able, when used in a standard polymerization test of ethylene and propylene mixture to selectively inhibit the polymerization on polymer particles smaller than 850/ um,

Compl. Specn : 31 pages Drgns : 2 sheets,

Ind, Cl. : 126 C & D 178606

Int. Cl, : G 01 R 19/00

"DEVICF FOR THE MEASUREMENT OF VOLTAGE AND/OR INTENSITY".

Applicant : MWB HIGH VOLTAGE SYSTEMS GMBH, OF 199 NURNBERGER STRASSE, DE 8600 BAMBERG, FEDERAL REPUBLIC OF GERMANY).

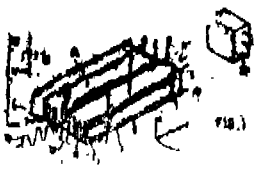
Inventors : DIRK PEIER AND HOLGER HIRSCH.

Application No. : 106/Cal/93 filed on 19th February, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcuta.

9 Claims

A device for the measurement of voltage and. or intensity by using the electro-optical effect occurring in a crystal, where a polarized light beam is passed through the crystal and along the path of light the intensity in the crystal and with the refractive index of the crystal is changed pr can be changed by means of electrodes connected or can be connected to a voltage, the electrodes runnning parallel to the path of light and the change of the light wave produced due to the change of the refractive index is used as the panameter for the voltage applied on the elertrodes, characterised in that the electrodes (5, 6 or 7, 8) are placed in such a way, that a gradient of the electrical intensity (E_z) occurs in the direction of the z-axis of the crystal (1) at the voltage (9, 10, 11) applied at the electrodes (5, 6 or 7, 8) in the crystal (1) along the path of light (21) transverse to the direction of the fusion (direction of the y-or x-axis of the crystal (1) of the light beam (17) and with that a gradient of the refractive index (n) occurs mid due to that the light beam (17) in the crystal (1) is deflected away depending on the voltage and this deflection, (deflection area (26) is measured.



(Compl. Specn, : 11 pages Drgns, : 2 sheets)

Ind. Cl. : 40 B 178607

Int. Cl4 : B 01 J 23/66, 21/12.

"METHOD FOR THE PRODUCTION OF SILVER CATALYST SUITABLE FOR USE IN THE PRODUCTION OF ETHYLENE OXIDE".

Applicant : NIPPON SHOKUBAI CO., LTD., OF 1-1, KORATBASHI 4-CHOME CHUO-KU, OSAKA-SHI OSAKA-FU JAPAN.

Inventors : (1) SHINICHI NAGASE (2) HIROHIKO TANABE (3) HIDEKI IMAL.

Application No. : 107/Cal/93 filed on 19th February, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

10 Claims

A method for the production of a silver catalyst suitable for use in the production of ethylene oxide, which comprises adopting as a main raw matedial an alumina powder having a secondary particle diameter in the range of from 20 to 2000 um formed of primarly an alumina particles 0 1 to 1 um in diameter and a specific surface area in the range of from 0.1 to 10m2/g. mixing the alumina powder with alumina and silica which are in a colloidal state, molding the resultant mixture in a prescribed shape drying the molded articles and calcining it at a temperature in the range of from 1 000o to 1,6000°C thereby preparing an a-alumina carirer having the outer surface thereof and the surface of pores therein coated with an amorphous silica-alumina mixture having a total Si and Al content in the range of from 3×10^{4} to 2×10^{-1} g/g of carrier and an Si/Al ratio in the amorphous mixture in paid range of from 0.05 to 50,0g.g, causing in the manner, such as herein described, 5 to 25% by weight based on the amount of the finished silver catalyst, of minute metallic silver particles, and 0.0001 to 0.05 gram equivalent weight of cesium per kg of the finished silver catalyst, to be carried on said a-alumina carrier; activating in the manner, such as herein described, the catalyst component -deposited carrier, so obtained, thereby effecting deposition of silver and cesium on the resultant porous inorganic refractory carrier, and subsequently subjecting the composite to a head treatment in an inert gas, such as herein described, at an elevated temperature in the range of from 400° to 950°C.

(Compl. Specn. : 28 pages Drgns : Nil)

Ind. Cl. : 32 F 3 (b) 178608

Int. Cl. : C 08 G 63/68.

"PROCESS FOR PREPARING 3-SULFOBENZOIC ACID AND ALKALIMETAL SALTS THEREOF".

Applicant : HOECHST AKTIENGESELI.SCHAFT, OF D-65926 FRANKFURT, FEDERAL REPUBLIC OF GERMANY.

Inventors : MICHAEL MEIER.

Application No. 409/Cal/93 filed on 19th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

10 Claims

A process for preparing 3-sulfobenzoic acid and/or alkali metal salts thereof, which comprises mixing 3-(chlorosulfonyl) benzoic acid with water and a watcr-imrriiscible solvent such as herein described in which 3-sulfobenzoic add is insoluble or only sparingly soluble, removing water from the mirture by azeotropic distillation, cooling and when said alkali salt is required admixing the 3-solufobenzoic acid formed with alkali metal hydroxide and/or a substance such as herein described forming alkali metal hydroxide and again removing water by azeotropic distillation.

(Compl. Specn. : 13 pages Drgns : Nil)

Ind. Cl. : 128 H 178609

Int. a. : A 61 J 3/00,

"AN APPARATUS FOR MAKING A MEDICALLY ROD WITH A SHELL".

Applicant : LEIRAS OY, OF PANSIONTIE 45-47, SF-20210, TURKU, FINLAND.

Inventors : (1) TIMO HELLE (2) ROLF HARTZELL (3) PEKKA NIEMINEN (4) PEKKA LANKINEN.

Application No. 411/Cal/93 filed on 19th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

Claims 4

1. An apparatus for making a medicinal rod with a shell by placing said rod (8) in a hose-like shell blank (1) and tightening said blank into a shell around said rod, said apparatus comprising :

— a feeder (2) for the shell hose (1), which feeder is provided with a through-opening (3) for the shell hose of a continuous length, which throurgh-opening extends on the outlet side of the feeder as a needle-like feed guide (3'), said guide(3) having a length exceeding the length of the medicinal rod (8) to be

encapsulated, and clamp elements (4) extending into the through-opening (3) on its inlet area for grasping the shell hose as well us for closing it, said feeder (2) bing adapted to have a reciprocating axial feeding movement in the direction of the through-opening (3);

— a medicinal-rod inserter (5), which is provided with a inserting nose (6) directed towards the shell-hose feeder (2), said nose (6) having a through-opening (7) corresponding to the outer diameter of the medicinal rod, and a pusher (9) reciprocatably disposed in the opening for discharging the medicinal rod (8) placed in the opening from the inserting nose towards the shell-hose feeder (2), said inserter (5) for receiving the medicinal rod being arranged to perform a reciprocating transverse movement relative to the direction of the through-opening (7), as well as a reciprocating axial movement in the direction of the through-opening (7) towards the feeder (2) as well as away therefrom for releasing the medicinal rod;

— an expander (10), which is placed between the shell-hose feeder (2) and the medicinal-rod inserter(5) to cooperate with the medicinal-rod inserter and which is provided with an axial seal (11) corresponding to the outer diameter of the inserting nose (6) of the inserter (5), for receiving the inserting nose, the bottom of said seat being formed by expander jaws (12), which are arranged to move away from each other in a direction prependicular to the axial direction of the seat and to toe joined together correspondingly;

— a connector (13), which is placed between the expander (10) and the shell hose feeder (2) and which comprises a through-opening (14) for receiving said feed guide (3) of the shell-hose feeder (2), and cutting elements (15) for trimming the end of the shell coated capsule and for separating the capsule from the shell house; and

— supply meants for supplying pressurized air to the connector (13) via the expander (10).

(Copl. Specn. pages; Drgns Sheeets)

Cl. : 129 G. 178610

Int.Cl, : B23 B 27/12.

"TOOL HOLDER FOR INTERNAL MACHINING".

Applicant : FRAMATOME CONNECTORS INTERNATIONAL OF TOUR FIAT, 1 PLACE DE LA COUPOLE CEDEX 16, 92084 PARIS LA DEFENSE (FRANCE).

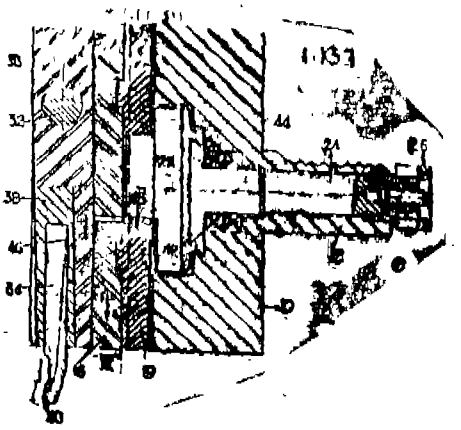
Inventors : MORTIER GUY and CHARTRAIN JEAN-CLAUDE,.

Application No. : 569/Cal/93 filed on 28th September, 1993.

Appropriate Officer for Opposition. Proceedings (Rule 4 Patent Rules, 1972) Patent Office Calcutta.

(5 Claims)

Tool-holder for internal machining having a body (10) equipped with a fixation tail (12) on machine, carrying a tool-slide (18) shiftable by a forward rotating cam (22) from a retiring position, to a position of maximum spurt when the cam passes from an initial position to a first angular position specified and from the position of maximal spurt to a retiring position when the cam pursues its rotation, from a secon angular position more distant than the first position of origin, distinguished in that the said advancing cam (22) is coupled with an unclamping cam (42) causing a shift of the tool orthogonally to the forward direct ion and moving away the cutting edge from the machining surface when the rotative advancing cam passes from the first to the second angular position specified.



(Compl, Specn. : 7 pages; Drgns. : 3 Sheets)

lnd. O. : 188 178611

Int. Cl,[4] : C 23 C 14/14.

A METHOD OF FABRICATING MICROCRYSTALLINE SEMICONDUCTOR ALLOY MATERIAL.

Applicant : ENERGY CONVERSION DEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventors : (1) SUBHENDU GUHA,
(2) STANFORD ROBERTS OVSHINSKY.

Application for Patent No. 681/DEL/91 filed on date 29 Jul 91.

Ante dated to 13-5-88.

Divisional to Patent No. 427/DEL/88 filed on 13-5-88.

Appropriate Officer for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Officer Branch, New Delhi 110005.

2 Claims

A method of fabricating macrocrystalline semiconductor alloy material which includes a band gap widening element such as described herein, said method including the steps of :

providing a substrate such as herein' described in a deposition chamber in a manner such as herein described,

vacuumizing said deposition chamber to a pressure of about 1.5 Ton;

subjecting a precursor mixture including ft silicon containing gas, a boron or phosphorous-containing gas,

a hydrogen-containing gas and carbon or nitrogen-containlng gas to flourination in any known manner;

introducing the fluorinated precursor mixture into said deposition chamber through a gas conduit;

subjecting said precursor mixture so obtainined to an a.c. glow discharge in the absence of a magnetic field of sufficient strength to induce electric cyclotron resonances; and

depositing a doped microccrystalline semiconductor alloy material characterised by a band gap of greater than 2.0eV and a conductivity of greater than 10hm-lem-^{1} on said substrate.

(Complete Specification 35 pages Drawings : 1 Sheet)

Ind. Cl. : 55 E-4, 178612
32 F 3 C,

Int. Cl^{4} : C 12 N 9/34.

AN IMPROVED PROCESS FOR THE PREPARATION OF GLUCOAMYLASE ENZYME.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFT MARG, NEW DELHI-110 001 INDIA.

Inventor : ASHOK PANDEY,

Application for Patent No : 1041/Del/91 filed on 29-10-91.

Appropriate Officer for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Officer Branch, New Delhi-110 005,

(Claims 4)

An improved process for the preparation of glucoamylase enzyme using A. niger bearing No. NCIM 1248 which comprises cultivating a, strain of Aspergillus niger designated as A. niger RRLT deposited at National Collection of Industrial Microorganism (NCIM) Pune & bearing No. NCIM 1248 & having characteristics as herein described in a sterile moistened wheat bran medium as solid substrate containing corn flour, supplemented with other conventional nutrients incubating the inoculated substrate at a temperature in the range of 29 to 32^{0}C .pH between 4.5 to 4.7 and extracting the fermented substrate containing the enzyme with water by known methods.

(Complete Specification 16 pages: Drawings: Nil)

Ind. Cl. : 32 F 2a & 55 E^{4} 178613

Int. Cl^{4}." : C 07 C 101/00 & A 6 1 K 31/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF ESTERS OF AMINO ACIDS USING A MICROEMULSION MEDIUM.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL, RESEARCH, RAFI MARG, NEW DELH-110 001, INDIA.

Inventors : AJAY SADASHIV CHHATRJE. BHASKADATTATRAYA KULKARNI. RAMESH ANNA JOSHI THOTTAPILLIL RAVINDRANATHAN & ARVIND PPABHAKAR PENDSE.

Application for Patent No. : 608/Del/92 filed on 15-7-92

Appropriate Officer for Opposition Proceeding (Rule 4 Patent Rules, 1972) Patent Officer Branch, New Delhi-110 005.

(Claims 7)

An improved process for (he preparation of esters of amino acids using a microemulsion medium which comprises dissolving conventional surfactant such as herein describe^{4} in the range of 0.1 mm ol to 1 m olfin an alcohol to form microemulsion adding the amino acid, the ester of which is to be prepared in presence of mineral acid such as H_2SO_4 HCl in catalytic amount to the said microemulsion refluxfnir the said mixture in presence of ion exchange resin for a period ranging from 1 to 3 hre, filtering and recovering the ester from the filtrate by known methods.

(Complete Specification 9 pases; Drawing : Nil).

Ind. Cl. : 32 F_{2a}, 178614

Int. C1.^{4}: A 61 K 31/00 & C07C 87/00.

A. PROCESS FOR THE PREPARATION OF A NEW 1-ARYL-2-METHOXYCARBONYLAMINO-l. 3-DIAZA-SPIRO (4, 4(5) ALK-2-ENES.

Applicant : COUNCIL OF SCIENTIFIC AND , INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA,

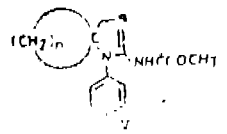
Inventors ; SYED SHAWKAT NAIM, SATYAVAN SHARMA, SOM NATH SINGH, NIGAR FATIMA AMALENDU DUTTA, RANJEET KUMAR CHATERJEE.

Application for Patent No. : 971/Del/92 filed on date 29-10-92.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules, 1972) Patent Officer Branch, Now Delhi-110 005.

(Claims, 5)

A process for the preparation of new l-aryl-2-methoxycarbonylamini-l, 3-diazaspiro (4. 4(5) alk-2-enes of the formula V

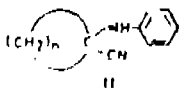


Where n represents 4 of 5 which comprises :

(i) reacting corresponding cyclic ketone with aniline in a dry organic solvent by known methods at a temperature in the range of 80-100^{0}C to obtain the Schiff bases of the formula 1

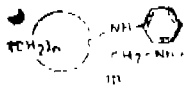
where n = 4 or 5,

(ii) addition" to the said Schiff base hydrocyanic acid in the presence of lower aliphatic alcohol, at a temperature in the range of 0.5^{o}C to yeild the corresponding aminonitrile of the formula II.

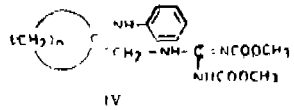


where n=4 or 5,

(iii) reducing the aminonitrile of the formula II by known method to yield the corresponding 1-aminomethyl-l-anifinocyclo-alk-2-enes of the formula III where n=4 or 5
(iv) reacting



the said l-aminomethyl-l-anilinocyclo-alk-2-ense of formula III with 1, 3-bis (methoxycarbonyl-2-methyli«othiourea at a temperature in the range of 70-80°C to yield the corresponding 3(anilinoalkyl) 1, 2-bis (methoxycarbonyl) guanidine of the formula IV



where n=4 or 5 and

(v) cyclising the 3-(anilinoalkyl)-l, 2-bis (methoxycarbonyl) guanidine in the presence of p-toluene sulfonic acid in

lower aliphatic alcohol at a temperature in the range of 80-90°C to yield the l-aryl-2-methoxycarbonylamino-l, 3-diazaspiro 4, 4(3) alk-2-ene- of the formula V where n= 4 or 5.

(Complete Specification 9 pages Drawing : 1 Sheet).

Ind. Cl: : 32 F(2b) 178615

Int. Cl.[4] : *C* 07 D, 311/09.

"A PROCESS FOR PREPARING BENZOPYRAN AND RELATED LTB4".

Applicant : PFIZER INC., A CORPORATION ORGANIZED OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK.

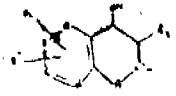
Inventor : KEVIN KOCH.

Application for Patent No, : 1071/Del/92 filed on date 18-11-92.

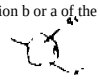
- Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Officer Branch, New Delhi-110005.

(Claims 13)

A process for preparing benzopyran derivatives for use as LTB4 antagonists, said benzopyran derivatives having the general Formula 1,



wherein
A is 0,CH_2 ,S,NH or N(C_1-$1_6$1 alkyl
n is 0,1 or 2;
R1 is a substituent at position b or a of the formula

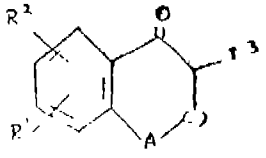


P^2,R^8,R^9 and R^{10} are hydrogen or each independently are one or any two of the followings: fluro,chloro,C_1-C_6 alkyl, C_1-C_4 alkoxy,C_1-C_4 perfluroalkyl, C_1-C_4 perfluroalkoxy,C_1-C_6 alkylthio,C_1-C_6 alkylsulfinyl or C_1-C_6 alkylsulfonyl;
R^3 is -(CH_2)q CHR[11] R^{12},-(CH_2)q R^{12} -O(CH_2)p CHR [12] H^{12} , or

-O(CH_2)p$R^{12.}$ wherein p is 0,1, or 2 and q is 0,1,2, or 3,
R^4 is carboxy,tetrazolyl or R [13] SO_2 NHCO,
R^{11} is hydrogen, C_1-C_6 alkyl or R^8- substituted phenyl
wherein R^8 is as defined above
R^{12} and R^{13} are hydrogen or each independently are C_1-C_6 alkyl or C^3-C^8 cycloalkyl: or phenyl ,thienyl,pyridyl,furyl, napthyl,quinoyl,isoquinoyl,pyrimidinyl,or pyrazinyl each of

which is optionally substituted by phenyl, R^9 or R^9-substituted phenyl wherein R^9 is as defined above.;

characterized by reducing in any known manner a compound of the formula XIII



and if desired, converting in any known manner the resultant compound of Formula 1 to its salts and esters.

(Compl. specn, 26 pages; Drgn Nil).

Ind. Cl. : 84 A 178616

Int. Cl4 : C 10 J 3/20

A NOVEL ASH EXTRACTOR.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELH-110001, INDIA.

Inventor(s) : ANIMESH MAJUMDAR, MAHENDRA NATH JUNEJA, DILIP KUMAR BISWAS, SUHASH RANJAN SARKAR. SIKIPURAPU KONDALA RAO, REZAUL HAQUE.

Application for Patent No. 1175/Del/92 filed on 10-12-1992. Ante date to 22-6-1989.

Divisional out of Patent Application 534/Del,89 filed on 22-6-1989.

Appropriate office for opposition proceedings (Rule 4. Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A novel ash extractor which comprises a bottom grate plate (22) with flexible scrapper shoes (23), a centre prate plate (24) with radial hibs (25) and circumferential ribs (26), wherein the said centre grate plate (24) being placed eccentricallv above the said bottom plate (22) to facilitate breaking clinkers and directing towards peripheral passage (271, a known capstan (12) and ash pan (13) being connected to the said bottom grate plate for removing and collecting the ash and broken clnkers, the ash pan (13) being supported on tappets rollers (14), the said centre grate plate (24) bottom grate plate (22), and ash pan (13) being also connected to a mechanical drive meant; (14, 15).

(Compl. specn. 6 pages; Drgns 3 sheets)

Ind. a. : 40 B 178617

Int, Cl.4 : B 01 J 23/42, 23/46, 23/48.

A PROCESS FOR THE PREPARATION OF NITRATE. FROM MOLECULAR NITROGEN,

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

Inventor(a) : MIRZA MOHAMMED TAQUI KHAN, NAGESWARA RAO NETI.

Application for Patent No. 1176/Del/92 filed on 10-12-1992.

Ante dated to 28-7-1989.

Divisional to Patent, No. 673/Del/89 filed on 28-7-1989.

Appropriate office for opposition proceedings (Rule- 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7, Claims

A process for the preparation of a nitrate from molecular nitrogen which comprises bubbling nitrogen through an aqueous solution of transition metal complex, which have appreciable dinitrogen bonding property and having the general formula (L) MN where L represents ethylene diamine tetraacetate (EDTA), (N-2)

hydroxy ethylene diamine tetraacetate (HEDTA), 1, 3, propylene diamine tetraacetic acid (PDTA), cyclohexane diamine tetraacetic acid (CDTA), liethylene triamine penta acetic acid (H2DTPA), N- hydroxy ethylene diacetic acid (HIMDA), and M represents a metal selected from the iron group, in presence of a novel semiconductor catalyst as herein described under photo irradiation of the reaction mixture at a wavelength in the range of 2000—6500 *A0* then separating the nitrate formed by conventional methods.

(Compl. specn. 12 pages Drgns. Sheets Nil)

Ind. Cl. : 128 A XIX (2) 178618
Int. Cl^4 : A61F-13/00

A PROCESS FOR THE PREPARATION OF FOETAL MEMBRANE COLLAGEN USEFUL FOR WOUND DRESSING.

Applicant : COUNCIL OF SCIENTIFIC AND 1NDUS-TRDIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor(s) : THOTAPALLI PARVATHALESWARA SASTRY, KORITALA PANDURANGA RAO.

Application for Patent No. 0010/Del/94 filed on 6-1-1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A process for the preparation of a foetal membrane collagen useful for wound dressing which comprises crosslink-Ing human/bovine foetal membrane with conventional cross-linking agents by known methods, such as here in described impregnating the said crosslinked foetal membrane with appropriate known antibiotics if desired, then exposing the resultant product to gammna irradiation in the range of 2 to 3 Madras for setrilization.

(Compl. specn. 11 pages Drgn. Nil sheet)

Cl. : 190 A 178619
Int. Cl^4 : F 23 B 3/00,

"A NOVEL APPARATUS FOR GENERATING THERMAL POWER BY BURNING GASIFIED FUELS PRODUCED THEREIN".

Application & Inventor : SANTANU ROY, OF 13, NANDA KUMAR CHOUDHURY LANE, CALCUTTA-700 006, WEST BENGAL, INDIA.

Application No. : 891/Cal/92 filed on 15th December, 1992.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rule, 1972) Patent Office, Calcutta.

18 Claims

A novel apparatus for generating thermal power by burning gasifield fuels produced therein, which comprises in combination :—

(a) a reaction chamber for gasification and combustion wherein an ignitable composition optionally admixed with. carboniferous material(s) in powder or fine granular form is subjected to gasification reaction and combustion ;

(b). means for feeding raw material(s) into the reaction chamber for gasification and combustion;

(c) means for actuating the feeding means and propa-, gate the feed stock from the inlet to the reaction chamber ;

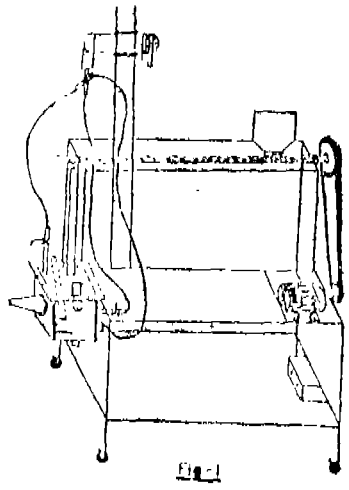
(d) means for supplying air, oxygen and/or additives to the reaction chamber ;

(e) means for igniting the gases: generated inside the sand chamber ;

(f) means for ejecting or evacuating residues and/or resultants from the said chamber;

(g) means for ventilating the heat generated in the said chamber and/or by burning the combustible products generated therein and, if desired ;

(h) means for controlling the rate of movement, rotation and/or revolution of various moving parts included in the apparatus



(Compl. Specn. : 24 pages; Drgns : 2 Sheets)

Cl. : 6 B_2 178610

Int. $Cl.^4$: B 01 D 53/36
B 01 J 37/02,,29/06, 29/10.

"A PROCESS FOR THE PREPARATION OF A CATALYST FOR REDUCING THE QUANTITY OF NITROGEN OXIDES IN LEAN EXHAUST GAS OF MOTOR VEHICLE ENGINES".

Applicant : DEGUSSA AKTIENGESELLSCHAFT, OF 6000 FRANKFRUT AM MAIN, WEISSFRAUENSTRA-SSE 9, FEDERAL REPUBLIC OF GERMANY.

Inventors . (1) JURGEN LEYRER
(2) EGBERT LOX
(3)BERND ENGLER.

Application No. : 96/Cal/93 filed on 16th February, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

9 Claims

A process for the preparation of a catalyst for reducing the quantity of nitrogen oxides in lean exhaust gas of motor vehicle engines, comprising coating an inert, structure reinforcing body such as herein described with a first catalytic coating consisting of a mixture of an aluminium oxide and/or cerium oxide of large surface area optionally stabilised with rare earth metals such us herein described and/or silicon dioxide, drying and calcining said coating in air, impregnating said coating with a solution of iridium and platinum salts, calcining the coating again followed by a reduction of the noble metals in a stream of hydrogen and finally applying a second catalytic coating of zeolite on the first coating with subsequent drying and calcining, wherein the noble components iridium and platinum of the first coating are in a ratio by weight of from 1: 10 to 10 : 1 and the zeolite is a temperature stable zeolite of the mordenite type containing copper and/or iron and the quantity of each of the first catalytic coating and the second catalytic coating is from 50 to 150 g/litre of catalyst volume.

(Compl. Specn. : 20 pages; Drgns. : Nil).

Ind. Cl. : 32 F^2b, 55E4 178521

Int. Cl.[4] : C 07 D 209/00, A 61 K 31/00

A PROCESS FOR THE SYNTHESIS OF NOVEL 1-OXO 1, 2, 3, 4, 6, 7, 12, 12a - OCTAHYDROPYRAZINO (2, 1, 6. 1) PYRIDO (3, 4-b) INDOLE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA.

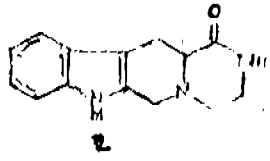
Inventor(s) : ANIL KUMAR SAXENA.

Application for Patent No. 120/Del/91 filed on 12-2-1992.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A process for the synthesis of novel 1-oxo-l, 2, 3, 4, 6, 7,-12, 12a-octahydropyrazino (2' 1; 6, 1) pyrido (3, 4-b) indole of the formula 2 in the drawing accompanying the specification



2

which comprises hydrogenating a solution of alkyl-2-cynomethyl-1, 2, 3, 4-tetrahydro-9H-pyrido (3, 4-b) indole-3-carboxylate

1

where R represents an alkyl group such as methyl, ethyl in lower aliphatic alcohal in the presence of Raney Nickel catalyst at a temperature ranging between 30—70°C, pressure ranging between 60—400 psi for a period yarying between 2—10 hours & recovering 1-oxo-l, 2, 3, 4, 6, 7,-12, 12a-octahydropyrazino (2', 1' : 6, 1) pyrido (3, 4-b) indole of the formula 2 by known methods.

(Compl. specn. 6 pages Drg. 1 sheet)

Ind. Cl. : 55E-4. 32 F 2b 178622

Int. Cl.[4] : C 07D 209/00, A 61K 31/00

AN IMPROVED PROCESS FOR THE PREPARATION OF DL-ALKYL 1. 2, 3, 4 - TETRAHYDRO - 9H - PYRIDO (3, 4-b) INDOLE - 3 -CARBOXYLATES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

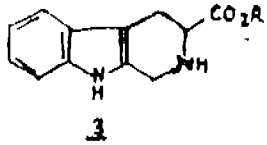
Inventor(s) : MRIDULA SAXENA, JYOTI RAO, ANIL KUMAR SAXENA

Application for Patent No. 122/Del/92 filed on 12-2-1992.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

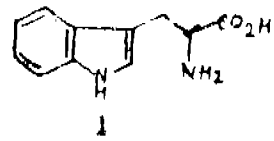
7 Claims

An improved process for the preparation of de-alkyl-1, 2, 3, 4,-tetrahydro-9H-pyrido (3, 4-b) indole-3-carboxylates of the formula 3 shown in the drawing accompanying the specification.



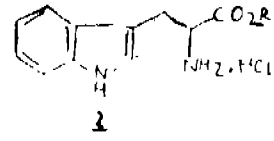
3

where R represents an alkyl group such as methyl, ethyl, propyl, which comprises reacting tryptophane of the formula 1



1

with corresponding alkanol such as methanol, ethanol, propanol in the presence of thionyl chloride ($SOCl^{2)}$ at a temperature ranging from —10 to 40°C for a period ranging from 1 to 4 hours to produce the corresponding ester of the formula 2



2

where R has the meaning given above directly reacting the ester of the formula 2 at room temperature with formaline (38%) in an appropriate lower aliphatic alkanol to produce the corresponding dl-alkyl-l, 2, 3, 4-tetrahydro-9H pyrido (3, 4-b) indole-3-carboxylates of the formula 3 where R has the meaning given above.

Ref. :—Copending Application No. 119/Del/92 filed on 12-2-1992, 120/Del/92 filed on 12-2-1992,

Agent :—Nil

(Compl. specn. 11 pages Drg.1 sheet)

Ind. Cl. : 32 F (2b) 178633

Int. Cl.[4]; C 07 D, 235/20.

"A PROCESS FOR THE PREPARATION OF NOVEL BENZIMIDAZOLE DERIVATIVES AND THEIR THERAPEUTICALLY ACCEPTABLE SALTS".

Applicant : LABORATORIOS DEL DR, ESTEVE, S. A., MARE DE DEU DE MONTSERRAT. 221, 08026 BARCELONA, SPAIN.

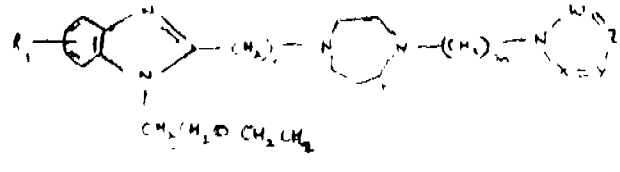
Inventors : MARIA ROSA CUBERES-ALTISENT, SPANISH, JORD1 FRIGOLA CONSTANSA, SPANISH, JUAN PARES COROMINAS, LS.

Application for Patent No. 296/Del/92 filed on date 01-04-92.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A process for the preparation of novel benzimidazole derivatives of the general formula I, and their therapeutically acceptable salts,



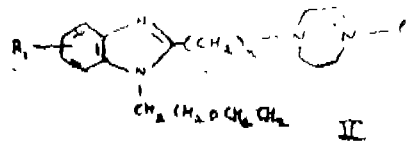
wherein

R_1 amd R_2 are identical or different and represent a hydrogen or a halogen atom, a lower alkyl radical a hydroxyl radical, an alkoxy radical, an alkyl carboxylate radical, or an aryl or substituted aryl radical,

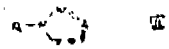
n is 0 or 1,

m is 2 to 4,

X, Y, Z and W are identical or different, and may form part of another aromatic or non-aromatic ring and represent a nitrogen atom or a carbon atom linked to a hydrogen or to a halogen atom, or to another alkyl, aryl, carboxyalkyl, carboxylic hydroxyl, alkylhydroxyl, sulphonic or alkylsulphonic radical comprising reacting a compound of general formula II



wherein R_1,R_2 ,n have the meanings given above ,p represents -(ch_2)m-xbenzene or n whereiñ m has the meaning given above, A is a halogen atom or a good departing group selected from tosyloxy or mesyloxy with a compound of general formula III



wherein W, Z, X, Y have the meanings given above and Q represents H or -(CH^2) -B wherein m has the meaning given above, B is a halogen atom or a good departing group selected from tosyloxy or mesyloxy, in the presence of a solvent of the kind such as hereinbefore described and optionally in the present of a base of the kind such as herein described at a temperature between the room temperature and reflux temperature of the solvent, the reaction time being

between 1 hour to 24 hours provided that when p10 -(CH^2)m-2 or benzene Q is N and when C1-H_2 Q Le CH2 is to obtain said eompound of formula and converting is desired into the terapeuticallyaccepted salts.

Compl. specn. 18 pages Drgn. Nil

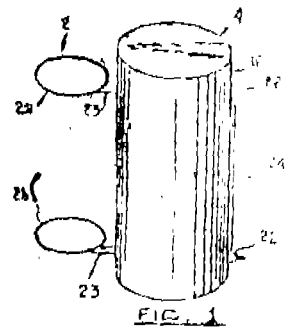


FIG. 1

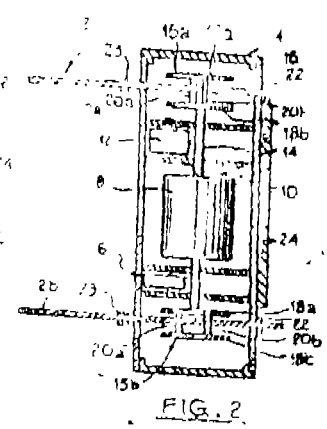


FIG. 2

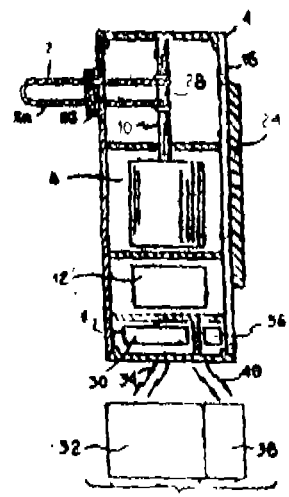


FIG. 3

Ind. Cl. : 128 A 178624

Int. Cl.[4] : A 01 K 15/00.

AN APPARATUS FOR APPLYING PRESSURE TO INDUCE CONTROLLED STRESSED BEHAVIOR IN ANIMALS,

Applicant : HARRY E. BOICE, OF 15811 HUNTON LANE, HAYMARKET. VIRGINIA 22069, USA.

Inventor -. HARRY E, BOICE.

Application for Patent No. 557/Del/92 filed on date 25-06-92.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

An apparatus for applying pressure to induce controlled stressed behavior in animals, such as increased eating, drinkiag, mating, maternal or the like behavior, said apparatus comprising :

a mounting device having at least one strap type member for mounting said apparatus on a body part of the animal;

a pressure applying device as herein described operatively connected with said body mounting device for increasing or decreasing pressure to the body part to create a non-localized presssure sensation to the animal to induce the stressed behavior; and

a pressure control device as herein described operatively connected with said pressure applying device for controlling the variation of said pressure over time in a predetermined manner.

(Compl, specn. 14 pages Drg, 1 sheet)

Ind. Cl. : 32 F2C 178625

Int. Cl[4] : A 61 K 39/00

A PROCESS FOR THE PREPARATION OF ANTIBODIES (PROTEINS) USEFUL FOR GEOMICROBIOLOGICAL PROSPECTING OF SUBTERRANEAN OIL AND NATURAL GAS DEPOSITS.

Applicant ; COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : VENUGOPALAN DAMODARAN NAIR SANDIP KUMAR BASU, & TAPAN CHAKRABARTI.

Kind of Application : Complete.

Application for Patent No. 778/Del/92 med on date 01-09-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 3

A process for the preparation of antibodies (proteins) useful in the geomicrobiological prospecting of sub terranean oil and natural gas deposits, which comprises separating the said antibodies by conventional method as here in described from the sera of the blood of the rabbits injected with a hydrocarbon specific protein(s) as herein defined and prepared by the process as herein described.

(Complete Specification 26 Pages; Drawings Nil)

Ind. Cl. : 32 F (2b) 178626

Int. Cl^4 : C 07 D 211/18

A PROCESS FOR THE SYNTHESIS OF 4, 5, 6-TRI-SUBSTTUTED-2-AMINOPYRIDINES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA.

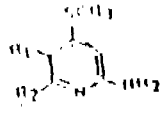
Inventors : VISHNU JI RAM, FALAK ANWER HUSSAINI, ABOO SHOEB & AMIYA PRASAD BHADURI

Application for Patent No. 831/Del/92 filed on Date 16-09-92.

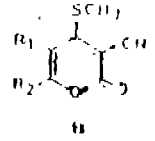
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 7)

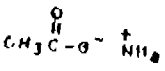
A process for the synthesis of 4, 5, 6-trisubstituted-2-aminopyridines of the general formula (1).



wherein R_1 -H, 3, 4-$(CH_3O)_2$--C_6H_3-, R_2-CH_3,, 3-pyridyl-, 4-pyrldyl-, 2-benzofuryl-, 2-furyl-, 2-thienyl, 4-F-C_6H_4-, 4-C1-C_6H_4- 4-Br-C_6H_4, 4-CH_3O-C_6H_4, 4-CH_3-C_6H_4 (2-CH_3-4-$C_6H_5CH_2O$-5-i-C_8H_7) C_6H_2-, groups which comprises reacting appropriately substituted-3-cyano -4-methylthio-2H-pyran-2-ones of tha general formula (II)



with aomonium acetate of the formula (III)



wherein R, and Ra have the meaning given above, in tho presence of an organic solvent and recovering the resultant compounds by known method such as here in described.

Ref. No. NIL.

Agent ; NIL.

(Complete Specification 7 Pages; Drawings 1 Sheet)

Ind, Cl. : 3z (3b) 178627

Int. Cl^4 : C 07 C, 15/62

A PROCESS FOR . THE PREPARATION OF 3-EPI-*þ*-BASWELLIC ACID AND ITS ACYLATES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

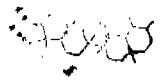
Inventors : SUBRASH CHANDRA TANEJA, VIJAY KUMAR SETHI SAMAR SINGH ANDOTRA, OTRA KANAYA LAL DHAR, ARUNA KAPIL.

Aplication for Patent No. 077 /DEL/92 filed on date 20-11-92.

Appropriate, office tot opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch New Delhi-110 005.

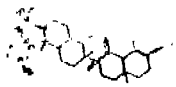
Claims 9

A process for the preparation of 3-epi-*þ*-boswellic acid and Its acylates of the formula

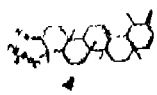


where R represents-H or COH or $COCH_2$ or $COCH_2CH_3$ or $CO(CH_2)_2$ CH_3 which comprises converting *þ*-boswellic add of the formula 1

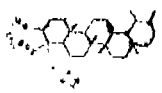
where R' represents H or $COCH_3$ to its carboxylic ester of the formula 2



by conventional methods, such as herein described oxidising the ester of the formula 2 with conventional oxidising agent such as here in described to produce the compound of the formula 3.



reducing the compound of formula 3 with a halide to produce the compound of formula 4,



hydrolysing the compound of the formula 4 in an alkali solution to produce the compound of the formula 5 where R is H and if desired, acylating the compound of the formula 5 with corresponding acylating agents in a known manner to yield the corresponding acylates of the formula 5 where R has .the meaning given above other than H.

(Complete Specification 10 Pages; Drawings 1 Sheet)

Ind. Cl. : 32 (4) 178628

Int.Cl4 : C 07 C, 149/437, A 61 K, 31/33

A PROCESS FOR THE PREPARATION OF N-(4-CYANO PYRAZOLE-5-YL)-DITHIOMETHYLCARBAMIDATES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA.

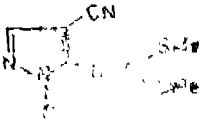
Inventors : PREM MAN SINGH CHAUHAN, SOM NATH SINGH, AMALENDU DUTTA, RANJEET KUMAR CHATTERJEE.

Application for Patent No. 1146/DEL/92 filed on date 03-12-92.

Appropriate office for opposition ' proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch. New Delhi-110005.

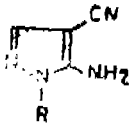
Claims 2

A process for the preparation of N-(4-Cyano pyrazole'5-yl) dithiomethylcarbamidates of the formula IV



IV

where R represents the hydrogen or phenyl group, which comprises treating 4-Cyano 5-amino pyrazole of the formula III



III

where R has the meaning given above with carbon disulphide in the presence of sodium hydroxide, methylating the resulting dithiols in situ with methyl iodide to give the compound of the formula IV where R has the meaning given above separating the same by known method such as hereto described.

(Complete Specification 5 Pages; Drawings 1 Sheet)

Ind. Cl. : 55 E4 178629

Int, Cl[4] : A 61 K 31/00, 35/78

A NOVEL PROCESS FOR EXTRACTING 10-DEACETYLBACCATIN III FROM YEW (TAXU5 SP.).

Applicant : RHONE-POULENC RORER S A 20 AVENUE RAYMOND ARON F 92165 ANTONY, FRANCE.

Inventor : RODOLPHE MARGRAFF.

Application for Patent No, 1255/DEL/92 filed on 24-12-1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-1J0005.

Claims 27

A novel process for the extraction of l0-deacotylbaccatin in from yew (TAXUS sp.) which comprises

1. treating in a conventional manner ground and optionally dried parts of yew with water to produce an aqueous solution containing 10-deacetylbaccatin III,
2. separating in a conventional manner the aqueous solution containing 10-deacetylbaccatin III, from suspended vegetable matter therein,
3. extracting 10-deacetylbaccatin III from the aqueous soluting obtained with an organic solvent of the kind such as hereinbefore described,
4. separating in a conventional manner the organic extract containing 10-deacetylbaccatin III from the aqueous phase,
5. removing the organic solvent from the separated organic extract,
6. selectively crystallising 10-deacetylbaccatin III in an organic solvent of the kind ouch as hereinbefore described from the residue thus obtained, and
7. isolating in a conventional manner 10-deacetylbaccatin III in purified form.

(Complete Specification 19 pages; Drawings Sheets Nil)

Ind. Cl. : 55 (E2) 178630

Inf. Cl.[4] : A 61 K, 31/33

A PROCESS FOR THE PREPARATION OF A NOVEL SYNERGISTIC PHARMACEUTICAL COMPOSITION.

Applicant : ASTRA AKTIEBOLAG, FORMERLY KNOWN AS AKTIBBOLAGET ASTRA), OF S-151 85 SODERTALJE, SWEDEN.

Inventors : ARNE TORSTEN EEK, SVEN ERIK SJOSTRAND.

Application for Patent No. 343/DEL/93 filed on date 06-04-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 9

A process for the preparation of a novel synergistic pharmaceutical composition comprising two or more active substances, whereby 1 to 200 mg of a substance with inhibiting effect on gastic acid secretion and of the kind such as hereinbefore described and which increases the intragastric pH, is incorporated in any conventional manner into the same preparation as up to 10g of one or more acid degradable antibacterial compounds of the kind such as hereinbefore described together with a suitable conventional pharmaceutical carrier.

(Complete Specification 17 Pages; Drawings Nil)

Ind Cl. 172 C 4 178631

Int. Cl.[4] : D 01 H 5/18

"A DRAWFRAME".

Applicant : MASCHINENFABRIK RIETER AG, OF CH 8406, WINTERTHUR, SWITZERLAND,

Inventor : ERICH JORNOT,

Application No. 522/Mas/90 filed on 27th June 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A draw frame comprising a drafting arrangement containing at least one drafting zone; at least one independent drive group (7.1 to 7.5, 1, 5, 6) for operating the at least one drafting zone; individual controlling means (8.1 to 8.3) provided for each said at least one independent drive group; means defining an auxiliary closed loop control systrm (8a to 8g) provided for said at least one independent drive group for the transfer of data pertinent to the operation of said at least one drafting zone from said individual controlling means to said at least one independent drive group and" from said at least one independent drive group to said individual controlling means.

(Comp. 16 pages Drawgs. 2 Sheets).

Ind. Cl 172 C 9 178632

Int. Cl.[4] : D 06 L 1/00; D 06 M 1/00

"FIBRE PROCESSING INSTALLATION".

Applicant : MASCHINENFABRIK RIETER AG, OF CH-8406, WINTERTHUR, SWITZERLAND.

Inventors : ROBERT DEMUTH. 2. PETER FRITZSCHE, 3. JURG FAAS

Application No. 570/Mas/90, filed. July 17th 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

Fibre processing installation comprising a bale opener, a coarse cleaner and a control means for controlling the opera-

tian of coarse cleaner, the said control means comprising sensing means for sensing throughput, remaining trash content and fibre damage in the fibre material and setting means for setting the rate of rotation of cleaning cylinder of the coarse cleaner and the position and angle of cleaning bars of the coarse cleaner.

(Com. 43 pages Drws. 11 Sheets)

Ind. Cl. : 6 A^2, 3 178633

Int. Cl^4.' - F 04 B 39/12

"A HERMETIC RECIPROCATING COMPRESSOR AND A METHOD OF MANUFACTURING THE SAME',

Applicant : TECHUMSEH PRODUCTS COMPANY, OF 100 EAST PATTERSON STREET, TECUMSEH, MICHIGAN 49286, U.S.A.

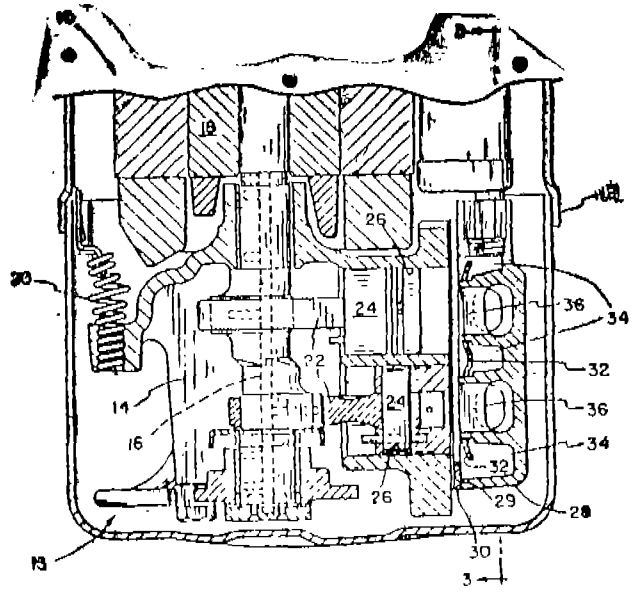
Inventors : 1. TARA C. KANDPAL, 2. ANDREW W. PACZUSKI, 3. HERBERT G. SIEWERT.

Application No. 639/Mas/90 Filed on 10th August 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules,' 1972), Patent Office, Madras Branch.

11 Claims

A hermetic reciprocating compressor 10 comprising crankcase (14) having a. plurality of cylinder bores (26) formed therein, a piston (24) reciprocatingly disposed within each of Bald cylinder bores, a cylinder head (28) defining a suction chamber (36) and a discharge chamber (34), a valve plate (30), intermediate said crankcase and said cylinder head and laving a respective suction port (44) aligned with each cylinder bore and a plurality of groups of discharge port (46) in fluid communication with said respective cylinder bores, each said group of discharge ports at least partially encircling a respectlve said suction port, discharge valves (78) and respective discharge valve retainers (32) mounted to said valve plate and associated with said discharge ports, a unitary valve plate gasket (58) disposed between said cylinder head and said valve plate, said valve plate gasket comprising; a compressible peripheral portion (60); a plurality of annular central portions (70) in spaced relationship with said peripheral portion; each said central portion encircling a respective one of said suction ports; and connecting portions (74, 76) extending from said peripheral portion to respective annular central portions to connect said peripheral portion extending between adjacent discharge ports in a respective said group thereof.



(Com. 15 pages Drwgs. 3 sheets)

tnd. Cl. - 45 E 278634

Int. $Cl.^4$: B 05 B 1/18

"A SHOWER-HEAD HAVING A HOUSING CONNECT!-BLE.TO THE WATER SUPPLY".

Applicant : FRIEDRICH GROHE AKTIENGESELL-SCHAFT HAUPTSRASSE 137, D 5870 HEMER GERMANY.

Inventors : 1. BRUNO HEIMANN, 2 FRIDRICH WAG-NER, 3. BERND BISCHOFF, 4. HANS-PETER STRELOW,

Application No, 686/Mas/90, filed August 29, 1990 .

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

16 Claims

A shower head having a housing connectible to the water supply comprising at least one water chamber with a base part having water outlet openings with' hose-like end pieces made of resilient material on the downstream side, and the projecting region of the water outlet openings (22) with the hose-like end pieces being made of a material having a hardness of 20 to 100 shore permitting scraping of the hose-like end pieces (21) by the user's hand.

(Com. 11 pages; Drawings. 3 Sheets)

Ind. Cl. ; 206-E 17S635

Int. $Cl.^4$: G 06 F 12/06.

AN EXTENDED ADDRESSING CIRCUITRY".

Applicant ; INTERNAIIONAL BUSINESS MACHINES CORPORATION, OF ARMONK. NEW YORK 10504, U.S.A.

Inventors : (1) SERAFIN JOSE ELEAZAR GARCIA JR,
(2) RUSSELL STEPHEN PADGETT
(3) DOUGLAS RODERICK CHISHOLM
(4) RAFAEL ALVAREZ
(5) DEAN ALAN KALMAN
(6) ROBERT DEAN YODER.

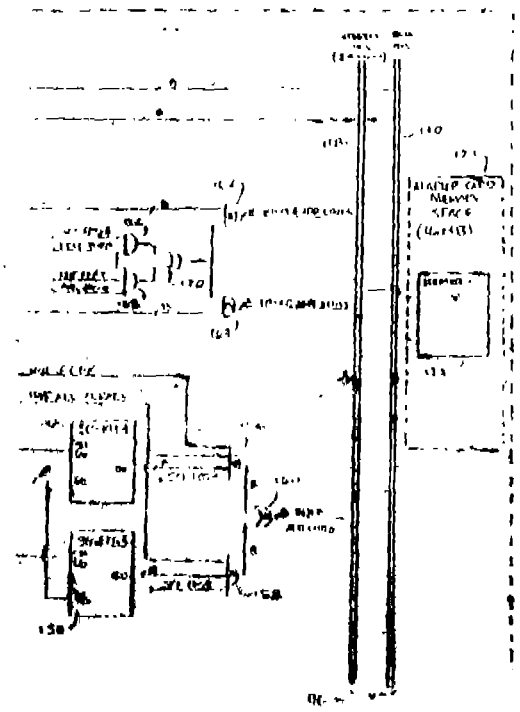
Application No, : 759/Mas/90 filed on 25th September, 1990.

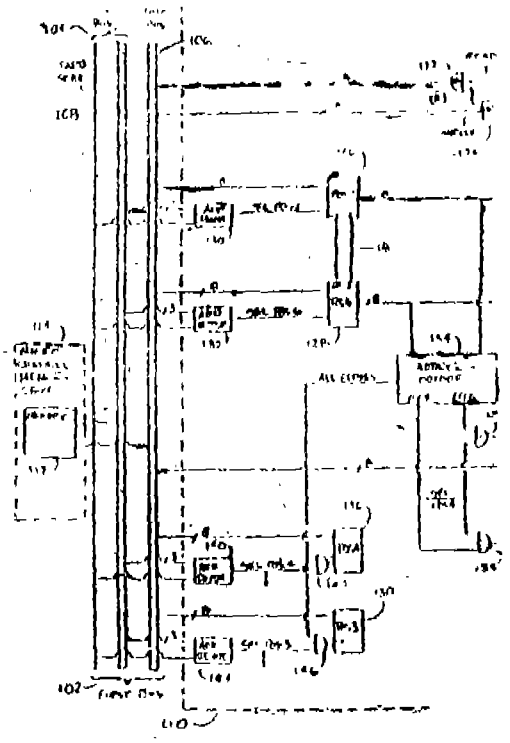
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

13 Claims

An extended addressing circuitry, for use with first and second address/data buses having, respectively, first and second addressable memory spaces associated therewith, said extended addressing circuitry comprising in combination : at least first and second registers, said first register being capable of storing values of data that lie within first, second and third non-overlapping ranges; means for accessing said second register from said first bus in response to a first address signal on said first bus, said means for accessing said second register being enabled in response to a first predetermined value of data stored in said first register, said first predetermined value lying within said first range, whereby data may be transferred between said second register and said first bus when said second register is so accessed: means for selecting a first segment of said second memory space, the base address of said first segment corresponding to the data stored in said second register; and means for accessing a selected address of said first segment of said second memory space in response to said first address signal on said first bus, the adress of said selected address. within said first segment corresponding to the data stored in said first register, said means for accessing a selected address of said first segment being enable in responce to a value of data stored in said first register that lies within said second range, whereby data may be transferred between said selected

address and said first bus when said selected address is so accessed.





(Compl. Specn. 18 pages; Drgns. 3 Sheets

Ind. Cl. : 85-J 17863b

Int. Cl^{4} : F 27 D 3/16; 3/18.

"A METHOD OF PRODUCING A METAL PRODUCT AND/OR A SLAG PRODUCT".

APPLICANT : AUSMELT LIMITED, OF 2/13. KITCHEN ROAD, DANDENONG, VICTORIA 3175. AUSTRALIA.

Inventors: JOHN MILLICE FLOYD.

Application No. : 764/Mas/90 filed on 26th September, 1990.

(Convention Date : 29th September, 1989; No. PJ6615; Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

14 Claims

A lance, for top submersed injection of fluid into a liquid pyrometallurgical bath comprising slag or having a slag-layer on its surface; the lance relative to an in-use orientation, being of elongate form between an upper inlet and' thereof and a lower discharge and for said fluid; the lance having a lower portion which terminates at said discharge end and which, in use, is submersible in said slag; the lance comprising :

(a) at least one first elongate tube which extended between said upper and discharge ends and which defines a duct for the flow of said fluid from the inlet end for discharge from the discharge end, the at least one first tube defining said lower portion:

(b) an elongate, tubular shroud which is mounted in relation to the first tube, and through which the first tube extends that a coolant gas flow passage is defined within the shroud and around the first tube;

(c) first connector means, at said inlet end, connectable to a pressurized source of supply of said fluid flow of said fluid through said duct; and

(d) second connector means, at said inlet end, connectable to a pressurized source of supply of said coolant gas for flow through said passage;

Wherein the shroud extends from or adjacent to the inlet end and has a low end thereof which is spaced above said lower end portion, and wherein the passage is open at the lower end of the shroud, whereby when said lower end portion is submerged in the slag, coolant pas. supplied to said passage is able to discharge exteriorly of the lance, above the slag.

(Compl. Specns.'30 pages; Drgns. 1 Sheet)

Ind. Cl. : 203 178637

Int.. Cl^{4} : B 65 H 19/18.

"A BAND-CHANGING APPARATUS FOR EFFECTING QUICK BAND CHANGE".

Applicant : HOKCHST AKTIENGESELLACHFT OF 66230 FRANKFURT/MAIN 80 FFDERAL REPUBLIC OF GERMANY.

Inventor : JOACHIM STROSZYNSKI.

Application No, : 804/Mas/90 filed on 10th October, 1990.

Appropriate office for opposition proceedings ("Rule 4, Patents Rules. 1972) Patent Office, Madras Branch.

19 Claims

A band changing apparatus (1) for effecting quick band change from a band (6) running-off from a band roll (8) to a band (5) from a new roll (7) in inline band processing installation having plurality of processing stations each band roll being provided with an unwinding station (3, 34. 36, 4, 35, 37), the band changing apparatus (1) comprising a. vertically disposed band changer (2) consisting of pressing roller units (9, 10., 11) centrally located between two unwinding stations (3, 4; 34. 35; 36, 37), at least one pair of press contact roller (14". 16) and one pair of counter press contact roller means (15, 17) to feed the bands (5, 6) from their respective unwinding stations (3, 34. 36; 4, 35, 37) downwards to the pressure roller unit (9) in a V-shaped manner, means for applying adhesive to the new band and a cross member (18) provided with at least one cross; cutter 19, 20).

(Compl. Specns. 17 pages; Dr«ns, 2 Sheets')

Ind Cl. : 187 H 178638
Int.Cl[4] : H 04 7/00

A COMMUNICATION DIRECTING SYSTEM,

Applicant ; QUALCOMM INC., 10555 SORRENTO VALLEY ROAD SAN DIEGE, CALIFORNIA 92121, U.S.A.

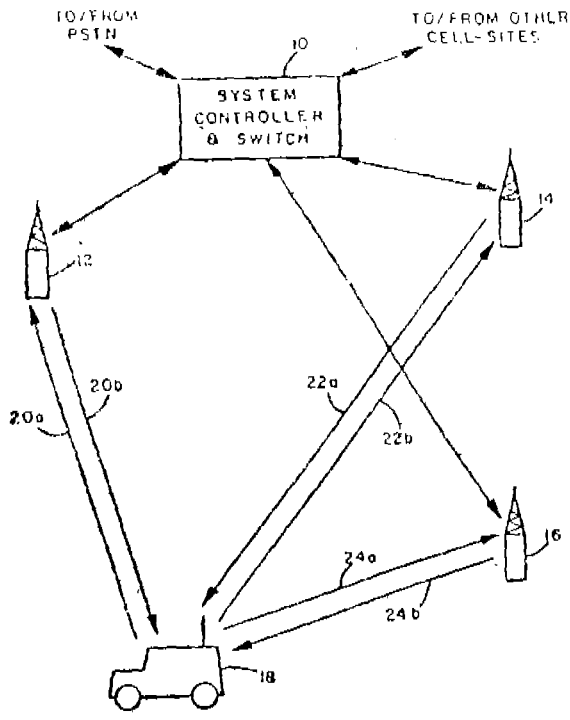
Inventors : J. KLEIN S. GILHOUSEN 2. ROBERTO PADOVANI 3. CHARLES E. WHEATLEY.

Application No. 888/MAS/90 filed on 6th November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A communication directing system in which a mobile system user communicates with another system user, wherein said mobile user has a mobile telephone set capable of communicating information signals as code division spread spectrum signals with at least one of a plurality of geographically separated cell-sites, each defining a geographic service area, for coupling via a system controller to said other system user, a system for directing communications between said mobile user and said cell-sites as said mobile user changes services areas comprising means for, while said mobile user is in a service area of one cell-site and in communication with said another system user via said one cell-site, determining a transition of said mobile user from said one cell--sitc service area to a service area of another cell-site, and for providing an indication identifying said another cell-cite; means responsive to said indication for coupling communications between said mobile user and said another system user via said another cell-site while said mobile user also remains in communication with said another system user via said one cell-site; and means responsive to said coupling of communications between said mobile user and said another system user via said another cell-site for terminating said communications between said mobile user and said another system user via said one cell-site with communications continuing between said mobile user and said another system user via said another cell-sit*.



(Compl. 30 pages Drwgs. 4 Sheets)

Ind. Cl. : 70 B 177639
Int. Cl[4] : C 25 C 7./02

A METHOD AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF ELONGATE CARBON BODIES HAVING A CONSTANT OIL SUBSTANTIALLY CONSTANT CROSS-SECTION.

Applicant : ELKEM TECHNOLOGY A./S., OF NYDALSVEIEN 28 P O BOX 4376, TORSHOV 0402 OSLO 4 NORWAY.

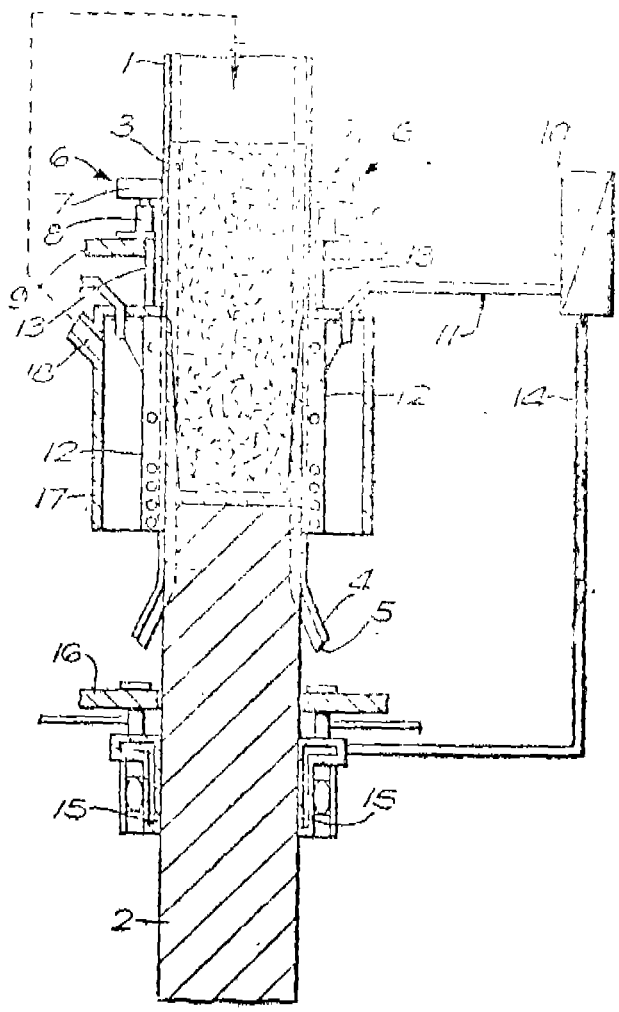
Inventor : 1. ERIK SVANA.

Application No. 894/MAS/90 filed November 7, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras .Branch.

14 Claims

A method for the continuous production of elongate carbon bodies having a constant or substantially constant cross-section in which a casing filled with unbaked paste consisting of carbon and a carbon containing binder is continuously baked to a solid carbon body by heating by means of direct electric current; the first terminal of the direct current source being slidably connected to the casing through a plurality of vortical ribs extending radially outwards from the casing, the ribs being made from a current conducting material, and the second terminal of the direct currert source being connected to the baked part of the carbon body or to a bottom electrode in a smelting furnace in which the carbon body is consumed; and in which the casing containing the carbon containing paste is coninuously or substantially continuously moved in an axial direction by means of slipping and holding means.



(Com. 21 Pages; Drwgs. 3 Sheets)

Ind. Cl. 32F 3C 178640

Int. Cl. C07 C37/00, 39/00

'PROCESS FOR THE PREPARATION OF PHENOL",

Applicant: STAMICARBON E. V. MIJNWEG 1, 6167 AC GELEEN, THE NETHERLANDS. A DUTCH COMPANY.

Inventors ; 1. WIM BUIJS 2. LEON HUBERTUS BABARA FRUNS 3. MATHIAS ROBERT JOZEF OFFERMANNS.

Application No. 980/MAS/90 field on 5th, December 1990,

Appropriate office for opposition proceedings (Rule 4, Patents Rules. 1972), patent Office, Madras Branch.

12 Claims

A process for the preparation.of phenol by oxidative decarbOJylation in the liquid phase of the corresponding aryl carboxylic acid comprising the steps of (a) providing a Cu(I) catalyst in the desired aryl carboxylic acid, oxidizing the Cu (I) aryl carboxylate at a temperature. ranging from 120°C to 190°C to Cu (II) aryl carboxylate; (b) continuing the reaction in the absence of oxygen and in the presence of water at a' temperature ranging from 225°C to 270°C to simultaneously reduce the Cu(II) aryl carboxylate to Cu(I) catalyst and hydrolyse the aryl carboxylate to the corresponding phenol. separating the said phenol from the reaction mixture in a known manner and recycling the reduced Cu(I) catalyst to step (a).

(Corn. 19 pages: Drwgs. 0 sheets).

AMENDMENTS PROCEEDINGS UNDER SECTION —57

Notice is hereby given that B. P. Chemicals (Additives) Limited has/have made an application on Form-29 under Section 57 of The Patents Act, 1970 for amendment of SpeqUiwition of their application for Patent No. 1018/De1/87 (169547) for "A process for the production of an additive concentrate suitable for incorporation into finished lubricating oil composition." The amendments are by way of correction in pages 10 ft 27 of the Complete Specification. The application for amendment and the proposed amendments can bo inspected free of charge at the Patent Office Branch, Unit No, 401 to 405, 3rd Floor, Municipal Market Building, Saraswatl Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building. Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT. 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 558/Cal/91 (1762071 made by Frema Engineering Recycling Maschinen Und Anlagen Gesellschaft m b H has been allowed to proceed in the names of Helmut Bachcr. Helmuth Schulz:, Georg Wendelin and Gerhard Wendelin, Austria.

CESSATION OF PATENTS

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175070 I70186 175076 159633 1637R3 166678 170298 173312
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PATENT SEALED ON 25-4-97

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CAL-34, DEL-01, MUM-NIL. CHEN-N1L

'Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Art, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENTS.

REGISTRATION OF DESIGNS

Tho following designs have been registered. They are not open for. inspection for a period of two years from the date of registration except as, provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries

Class 1. No. 170656, Application A.t Laboratories Co. Ltd., of 9-16, Hanahata 2-Chome. Adachi--Ku. Tokyo, Japan, a Japanese company, "MAGNETIC FASTENER".31 at January 1996.

Class 1. No. 170661, General and Railway Supplies Pvt. Ltd. an Australian Company ACN 050 542 419 of Institute Road. Montacute South Australia 5134, Australia "A SHOULDER FOR RAILWAY LINES",1stFebruary1996

Class 1.No. 170662, Ershad Hossain and Smt. Gurdeep Hossain, both Indian and both of 42/A, Hare Krishna. Konar Road, Calcutta 700014. West Bengal, India, "MAN FOR PRESSURE & TEMPERATURE GAUGES", 5th February 1996.

Class 3. No. 170648, Srichakra Tyres Ltd, of No. 10, Jawahar Road, Madurai 625002, Tamilnadu, India, "TYRES FOR AUTOMOTIVE VEHICLES", 31st January 1996.

Class 3. No, 170650, Crystal Plastics & Metallizing Pvt, Ltd., at Sanghi House, Palki Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay 25, Maharashtra, India. "COMB", 31st January 1996.

Class 3. No. 170659, Rockitt & Colman Products Ltd., a British Company, of One Burlington lane, London W4 2RW, United Kingtom, "AN AIR TREATMENT APPARATUS"'. 2nd August 1995

Class 3. No. 170670, Excel Straps Pvt- Ltd.. a company incorporated under the Indian Companies Act, 1956, D 978. New Friends Colony,-New Delhi 110065, India, 'ROUND SUPPORT', 6th Februaary 1996.

Class 3. No. 170376, Kubushiki Kaisha Toshiba, a Japanese Corporation of 72 Horikawa-cho, Sniwai-ku, Kawasaki-shi, Japan. "TELEVISION RECEIVER" 11th December 1995.

Class 10. No. 170671, A. C. FOOTWEAR CO., a. sole proprietary firm of address WZ/216 A, Madipur Village, New Delhi-110063, India, 'THE SOLE OF FOOTWEAR", 6th February t996. -

Class 10, No. 170698, API Polymers (lndia) Ltd.. J. 17 Udyog Nagar, New Delhi .110041, India, "SIOE". 6th February 1996,

Class 12. No. 170610, Calcutta Food Products (P) Ltd., an Indian company of H. L. Sarkar Road, Bansdroni, Calcutta 70, West Bengal, India, "BISCUIT", 18th January 1996.

Class 12. No. 170700, Rohtas Singh Yadav trading as Secure Mobile (India) of A 20, Adhyapak Nagar, Najaf-Harh Road, Delhi-41, India, an Indian national, "BULLET PROOF PATKA MADE OF FABRIC" 8th February 1996.

T, R. SUBRAMANIAN
Controller General of Patent, Design & Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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